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PTO/SB/08A (10-96)

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(Modified by BSTZ 6/30/99)

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

NOV 17 2004

Complete if Known

Application Number 09/293,594

Filing Date 4/16/99

First Named Inventor Shimomura

Group Art Unit 2711

Examiner Name K. Bui

Attorney Docket Number GEOC.P0003

Sheet 1 of 7

U.S. PATENT DOCUMENTS

Examiner Initials *	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Filing Date if Appropriate
KB	5,671,377	Bleidt, et al.	9/23/1997	7/19/1994
	5,828,839	Moncreiff; Craig T	10/27/1998	11/14/1996
	5,959,508	Aitken; Mark	9/28/1999	8/1/1997
	5,857,181	Augenbraun, et al.	1/5/1999	7/25/1997
	5,797,001	Augenbraun, et al.	8/18/1998	9/26/1996
	5,617,565	Augenbraun, et al.	4/1/1997	11/29/1994
	5,585,858	Harper, et al.	12/17/1996	8/12/1994
	5,953,012	Veghte, et al.	9/14/1999	12/13/1994
	5,867,657	Bolosky, et al.	6/6/1996	2/2/1999
KB	5,758,258	Shoff, et al.	5/26/1998	8/21/1995

FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS

Examiner Initials *	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published (if known).	Translation? Yes/No
	Cyberstar Brochure, Cyberstar L.P., October 9, 1998, 11 pages.	
	MediaStream MRX-2 PC-DVB Satellite Receiver Card Brochure, Media4, Inc., 8/1998, 2 pages.	
	MediaStream MRX-3 PC-DVB Satellite Receiver Card Brochure, Media4, Inc., 8/1998, 2 pages.	
	MediaStream IP-DVB Gateway Brochure, Media4, Inc., 5/1998, 2 pages.	
	MediaStream Network Control System Brochure, Media4, Inc., 5/1998, 2 pages.	

Examiner Signature		Date Considered	09/22/05
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Application Number	09/293,594
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First Named Inventor	Shimomura
Group Art Unit	2711
Examiner Name	K. Bui
Attorney Docket Number	GEOC.P0003

Sheet 2 of 7

U.S. PATENT DOCUMENTS

Examiner Initials *	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Filing Date if Appropriate
	Number				
KB	5,874,985		Matthews, III; Joseph H.	2/23/1999	11/12/1997
	5,748,789		Lee, et al.	5/5/1998	10/31/1996
	5,731,841		Rosenbaum, et al.	3/24/1998	5/25/1994
	5,572,247		Montgomery, et al.	11/5/1996	4/8/1994
	5,918,002		Klemets, et al.	6/29/1999	3/14/1997
	5,247,575		Sprague, et al.	9/21/1993	4/24/1992
	5,632,007		Freeman; Michael J	5/20/1997	9/23/1994
	5,724,091		Freeman, et al.	3/3/1998	5/18/1995
	5,861,881		Freeman, et al.	1/19/1999	2/8/1996
KB	5,691,986		Pearlstein	11/25/1997	6/7/1995

FOREIGN PATENT DOCUMENTS

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	MediaStream Broadcast Server Brochure, Media4, Inc., 5/1998, 2 pages.	

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	Number				
KB	5,615,264		Kazmierczak, et al.	3/25/1997	6/8/1995
	5,615,338		Poole, et al.	3/25/1997	5/24/1995
	5,900,905		Shoff, et al.	5/4/1999	6/5/1996
	5,761,606		Wolzien	6/2/1998	2/8/1996
	5,913,038		Griffiths	6/15/999	12/13/1996
	5,825,927		Boyce, et al.	10/20/1998	1/16/1996
	5,764,762		Kazmierczak, et al.	6/9/1998	10/28/1996
	5,923,328		Griesmer	7/13/1999	8/7/1996
	5,945,987		Dunn	8/31/1999	5/5/1995
KB	5,896,414		Meyer, et al.	4/20/1999	9/17/1996

FOREIGN PATENT DOCUMENTS

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Sheet 4 of 7	Application Number	09/293,594
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	Group Art Unit	2711
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KB	5,745,185	Portron, et al.	4/28/1998	2/12/1996
	5,724,091	Freeman, et al.	3/3/1998	5/18/1995
	5,327,237	Gerdes, et al.	7/5/1994	6/14/1991
	5,739,866	Kim, et al.	4/14/1998	11/25/1996
	5,907,323	Lawler, et al.	5/25/1999	11/13/1997
	5,861,906	Dunn, et al.	1/19/1999	5/25/1995
	5,903,563	Rashid, et al.	5/11/1999	8/15/1996
	5,983,005	Monteiro, et al.	11/9/1999	7/6/1998
	5,778,187	Monteiro, et al.	7/7/1998	5/9/1996
KB	5,903,673	Wang, et al.	5/11/1999	3/14/1997

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Group Art Unit 2711
Examiner Name K. Bui
Attorney Docket Number GEOC.P0003

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U.S. PATENT DOCUMENTS

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KB	5,708,476	Myhrvold, et al.	1/13/1998	7/22/1996
	5,805,763	Lawler, et al.	9/8/1998	5/5/1995
	5,815,145	Matthews, III	9/29/1998	8/21/1995
	5,559,559	Jungo, et al.	9/24/1996	6/15/1993
	5,617,148	Montgomery	4/1/1997	3/31/1995
	5,742,357	Griesbaum	4/21/1998	4/12/1996
	5,410,360	Montgomery	5/25/1995	6/14/1993
	5,557,333	Jungo, et al.	9/17/1996	2/23/1994
	5,831,679	Montgomery, et al.	11/3/1998	10/28/1996
KB	5,774,172	Kapell, et al.	6/30/1998	2/12/1996

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Examiner Signature

R. Kuan

Date Considered

03/22/05

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		Application Number	09/293,594
		Filing Date	4/16/99
		First Named Inventor	Shimomura
Group Art Unit	2711		
Examiner Name	K. Bui		
Sheet 6 of 7	Attorney Docket Number	GEOC.P0003	

U.S. PATENT DOCUMENTS				
Examiner Initials *	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Filing Date if Appropriate
KB	5,781,228	Sposato	7/14/1998	9/7/1995
	5,815,195	Tam	9/29/1998	5/6/1996
	5,387,941	Montgomery, et al.	2/7/1995	9/18/1992
	5,437,714	Engel, et al.	10/10/1995	10/13/1992
	5,184,218	Gerdas	2/2/1993	7/3/1991
	5,671,283	Michener, et al.	9/23/1997	6/8/1995
	5,351,293	Michener, et al.	9/27/1994	2/23/1993
	5,200,715	Gerdas, et al.	4/6/1993	9/6/1991
	5,029,003	Jonnalagadda	7/2/1991	
KB	4,958,230	Jonnalagadda, et al.	9/18/1990	8/11/1989

FOREIGN PATENT DOCUMENTS							
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KB	5,790,198	Roop, et al.	8/4/1998	5/4/1994
	5,684,525	Klosterman	11/4/1997	3/28/1996
	5,550,576	Klosterman	8/27/1996	4/17/1995
	5,923,362	Klosterman	7/13/1999	3/28/1997
	5,577,042	McGraw, et al.	11/19/1996	1/18/1994
	5,828,945	Klosterman	10/27/1998	8/8/1996
	5,778,181	Hidary, et al.	7/7/1998	3/14/1996
KB	5,774,664	Hidary, et al.	6/30/1998	3/14/1996

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D. Kuan

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Examiner Name		K. Bui			
Sheet	1	of	1	Attorney Docket Number	GE0C.P0003

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KB	5,966,637	Kanungo, et al.	10/12/99	11/12/96
KB	6,006,256	Zdepski, et al.	12/21/99	3/11/96

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	MediaStorm II Brochure, 7/5/99, 2 pages, from NDS.	
	Business at the speed of thought Brochure, 10/9/98, 11 pages, Cyberstar, A Loral Company.	
	Broadband Technolgy Choices Brochure, 3/24/98, 7 pages, Cyberstar, A Loral Company.	
	Why satellite-based high-speed communications sense, 3/24/98, 4 pages, Cyberstar, A Loral Co.	

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